

## McCoy's 5A

### Product Number MCP01-10X1LT

Iwakata & Grace Modification with L-glutamine. Without sodium bicarbonate. Store at 2° to 8°C.

Components	mg/L
Biotin (C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub> S)	0.2000
Calcium Chloride, Dihydrate (CaCl <sub>2</sub> · 2H <sub>2</sub> O)	132.5000
Choline Chloride (C <sub>5</sub> H <sub>14</sub> ONCl)	5.0000
D-Calcium Pantothenate (C <sub>18</sub> H <sub>32</sub> CaN <sub>2</sub> O <sub>10</sub> )	0.2000
D-Glucose, Anhydrous (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )	3000.0000
Folic Acid (C <sub>19</sub> H <sub>19</sub> N <sub>7</sub> O <sub>6</sub> )	10.0000
Glutathione, Reduced (C <sub>10</sub> H <sub>17</sub> N <sub>3</sub> O <sub>6</sub> S)	0.5000
Glycine (C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub> )	7.5100
L-Alanine (C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub> )	13.3600
L-Arginine, Hydrochloride (C <sub>6</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub> · HCl)	42.1400
L-Ascorbic Acid (C <sub>6</sub> H <sub>8</sub> O <sub>6</sub> )	0.5000
L-Asparagine, Monohydrate (C <sub>4</sub> H <sub>8</sub> N <sub>2</sub> O <sub>3</sub> · H <sub>2</sub> O)	45.0300
L-Aspartic Acid (C <sub>4</sub> H <sub>7</sub> NO <sub>4</sub> )	19.9700
L-Cysteine, Hydrochloride, Monohydrate (C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub> · HCl · H <sub>2</sub> O)	35.1400
L-Glutamine (C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O <sub>3</sub> )	219.2000
L-Histidine, Hydrochloride, Monohydrate (C <sub>6</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub> · HCl · H <sub>2</sub> O)	20.9600
L-Hydroxyproline (C <sub>5</sub> H <sub>9</sub> NO <sub>3</sub> )	19.6700
L-Isoleucine (C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub> )	39.3600
L-Leucine (C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub> )	39.3600
L-Lysine, Hydrochloride (C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> · HCl)	36.5400
L-Methionine (C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> S)	14.9200
L-Phenylalanine (C <sub>9</sub> H <sub>11</sub> NO <sub>2</sub> )	16.5200
L-Proline (C <sub>5</sub> H <sub>9</sub> NO <sub>2</sub> )	17.2700

L-Serine (C <sub>3</sub> H <sub>7</sub> NO <sub>3</sub> )	26.2800
L-Threonine (C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub> )	17.8700
L-Tryptophan (C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub> )	3.0600
L-Tyrosine, Disodium, Dihydrate (C <sub>9</sub> H <sub>9</sub> NO <sub>3</sub> Na <sub>2</sub> ·2H <sub>2</sub> O)	26.1200
L-Valine (C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> )	17.5700
Magnesium Sulfate, Anhydrous (MgSO <sub>4</sub> )	97.6800
Meat Peptone	600.0000
Myo-Inositol (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )	36.0000
Niacinamide (C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O)	0.5000
Nicotinic Acid (C <sub>6</sub> H <sub>5</sub> NO <sub>2</sub> )	0.5000
Phenol Red, Sodium Salt (C <sub>19</sub> H <sub>13</sub> NaO <sub>5</sub> S)	10.0000
Potassium Chloride (KCl)	400.0000
Pyridoxal, Hydrochloride (C <sub>8</sub> H <sub>9</sub> NO <sub>3</sub> · HCl)	0.5000
Pyridoxine, Hydrochloride (C <sub>8</sub> H <sub>11</sub> NO <sub>3</sub> · HCl)	0.5000
Riboflavin (C <sub>17</sub> H <sub>20</sub> N <sub>4</sub> O <sub>6</sub> )	0.2000
Sodium Chloride (NaCl)	6460.0000
Sodium Phosphate, Monobasic, Monohydrate (NaH <sub>2</sub> PO <sub>4</sub> · H <sub>2</sub> O)	580.0000
Thiamine, Hydrochloride (C <sub>12</sub> H <sub>17</sub> ClN <sub>4</sub> OS · HCl)	0.2000
Vitamin B12 (C <sub>63</sub> H <sub>88</sub> CoN <sub>14</sub> O <sub>14</sub> P)	2.0000
para-Aminobenzoic Acid (C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> )	1.0000